Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout,Someshwaranagara,Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
1	**Removing and refixing stone slabs of drains and pointing in CM (1:3)(Pg no 27/5.33)**						
	Civil Work						
	Chikkabommasandra						
	Chikkabommasandra main road from 15th Cross (kanti Sweets) to 1st Cross						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00	
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00	
	Ch:60.00m to 82.00m	1	22.00	1.20		26.40	
	Ch:82.00m to 106.00m	1	24.00	1.20		28.80	
	Ch:106.00m to 136.00m	1	30.00	1.20		36.00	
	Ch:136.00m to 162.00m	1	26.00	1.20		31.20	
	Ch:162.00m to 188.00m	1	26.00	1.20		31.20	
	Ch:188.00m to 216.00m	1	28.00	1.20		33.60	
	Ch:216.00m to 234.00m	1	18.00	1.20		21.60	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00	
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00	
	Ch:60.00m to 90.00m	1	30.00	1.20		36.00	
	Ch:90.00m to 108.00m	1	18.00	1.20		21.60	
	Ch:108.00m to 138.00m	1	30.00	1.20		36.00	
	Ch:138.00m to 158.00m	1	20.00	1.20		24.00	
	Ch:158.00m to 184.00m	1	26.00	1.20		31.20	
	Ch:184.00m to 208.00m	1	24.00	1.20		28.80	
	Ch:208.00m to 223.00m	1	15.00	1.20		18.00	
	1st B Cross road(LJ Iyengars Bakery) from cross road to Judicial Main Road						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 57.00m	1	27.00	0.90		24.30	

Ramanjeevaiah
28/09/2020.

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28/09/2020

	Ch:57.00m to 82.00m	1	25.00	0.90		22.50
	Ch:82.00m to 108.00m	1	26.00	0.90		23.40
	Ch:108.00m to 133.00m	1	25.00	0.90		22.50
	Ch:133.00m to 157.00m	1	24.00	0.90		21.60
	Ch:155.00m to 187.00m	1	30.00	0.90		27.00
	Ch:187.00m to 217.00m	1	30.00	0.90		27.00
	Ch:217.00m to 241.00m	1	24.00	0.90		21.60
	Ch:241.00m to 247.00m	1	6.00	0.90		5.40
	RHS					
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00
	Ch:30.00m to 54.00m	1	24.00	0.90		21.60
	Ch:54.00m to 84.00m	1	30.00	0.90		27.00
	Ch:84.00m to 109.00m	1	25.00	0.90		22.50
	Ch:109.00m to 139.00m	1	30.00	0.90		27.00
	Ch:139.00m to 169.00m	1	30.00	0.90		27.00
	Ch:169.00m to 192.00m	1	23.00	0.90		20.70
	Ch:192.00m to 222.00m	1	30.00	0.90		27.00
	Ch:222.00m to 252.00m	1	30.00	0.90		27.00
	Ch:252.00m to 258.00m	1	6.00	0.90		5.40
	3rd B Cross road from Chikkabommasandra main to Dead End					
	LHS					
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00
	Ch:60.00m to90.00m	1	30.00	0.90		27.00
	Ch:90.00m to 110.00m	1	20.00	0.90		18.00
	RHS					
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00
	Ch:60.00m to90.00m	1	30.00	0.90		27.00
	Ch:90.00m to 110.00m	1	20.00	0.90		18.00
	1st Cross road from Chikkabommasandra main to Dead End					
	LHS					
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00
	Ch:60.00m to90.00m	1	30.00	1.20		36.00
	Ch:90.00m to 100.00m	1	10.00	1.20		12.00
	RHS					
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00

Remarks: 28/09/2020

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	Ch:60.00m to90.00m	1	30.00	1.20		36.00	
	2nd Cross road from Chikkabommasandra main to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 110.00m	1	20.00	0.90		18.00	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 110.00m	1	20.00	0.90		18.00	
					A	1626.90	
	Missing & Broken Slabs						
	Chikkabommasandra						
	Chikkabommasandra main road from 15th Cross (kanti Sweets) to 1st Cross						
	LHS	1	12.00	1.20		14.40	
		1	11.00	1.20		13.20	
		1	10.00	1.20		12.00	
		1	8.00	1.20		9.60	
		1	9.00	1.20		10.80	
		1	6.00	1.20		7.20	
		1	7.00	1.20		8.40	
		1	6.00	1.20		7.20	
		1	5.00	1.20		6.00	
	RHS	1	9.00	1.20		10.80	
		1	12.00	1.20		14.40	
		1	13.00	1.20		15.60	
		1	3.00	1.20		3.60	
		1	9.00	1.20		10.80	
		1	5.00	1.20		6.00	
		1	6.00	1.20		7.20	
		1	8.00	1.20		9.60	
		1	2.00	1.20		2.40	
	1st B Cross road(I.J Iyengars Bakery) from cross road to Judicial Main Road						
	LHS	1	11.00	0.90		9.90	
		1	10.00	0.90		9.00	
		1	9.00	0.90		8.10	

Ramanjaneya 28/09/2020

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		1	8.00	0.90		7.20
		1	9.00	0.90		8.10
		1	6.00	0.90		5.40
		1	13.00	0.90		11.70
		1	12.00	0.90		10.80
		1	9.00	0.90		8.10
		1	3.00	0.90		2.70
	RHS	1	9.00	0.90		8.10
		1	8.00	0.90		7.20
		1	7.00	0.90		6.30
		1	9.00	0.90		8.10
		1	3.00	0.90		2.70
		1	6.00	0.90		5.40
		1	4.00	0.90		3.60
		1	9.00	0.90		8.10
		1	8.00	0.90		7.20
		1	2.00	0.90		1.80
	3rd B Cross road from Chikkabommasandra main to Dead End					
	LHS	1	9.00	0.90		8.10
		1	8.00	0.90		7.20
		1	7.00	0.90		6.30
		1	6.00	0.90		5.40
	RHS	1	6.00	0.90		5.40
		1	9.00	0.90		8.10
		1	8.00	0.90		7.20
		1	12.00	0.90		10.80
	1st Cross road from Chikkabommasandra main to Dead End					
	LHS	1	15.00	0.90		13.50
		1	13.00	0.90		11.70
		1	9.00	0.90		8.10
	RHS	1	9.00	0.90		8.10
		1	8.50	0.90		7.65
		1	10.50	0.90		9.45
	2nd Cross road from Chikkabommasandra main to Dead End					
	LHS	1	13.00	0.90		11.70
		1	10.00	0.90		9.00
		1	11.00	0.90		9.90
		1	9.00	0.90		8.10

Remarks-verified 28/09/2020

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28/09/2020

	Judicial Layout					
	14th Cross from 14th Cross to 8th Main Road					
	LHS					
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00
	Ch:60.00m to90.00m	1	30.00	0.90		27.00
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00
	Ch:120.00m to 150.00m	1	30.00	0.90		27.00
	Ch:150.00m to 180.00m	1	30.00	0.90		27.00
	Ch:180.00m to 210.00m	1	30.00	0.90		27.00
	Ch:210.00m to 240.00m	1	30.00	0.90		27.00
	Ch:240.00m to 270.00m	1	30.00	0.90		27.00
	Ch:270.00m to 300.00m	1	30.00	0.90		27.00
	Ch:300.00m to 330.00m	1	30.00	0.90		27.00
	Ch:330.00m to 360.00m	1	30.00	0.90		27.00
	Ch:360.00m to 388.00m	1	28.00	0.90		25.20
	RHS					
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00
	Ch:60.00m to90.00m	1	30.00	0.90		27.00
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00
	Ch:120.00m to 150.00m	1	30.00	0.90		27.00
	Ch:150.00m to 180.00m	1	30.00	0.90		27.00
	Ch:180.00m to 210.00m	1	30.00	0.90		27.00
	Ch:210.00m to 240.00m	1	30.00	0.90		27.00
	Ch:240.00m to 270.00m	1	30.00	0.90		27.00
	Ch:270.00m to 300.00m	1	30.00	0.90		27.00
	Ch:300.00m to 330.00m	1	30.00	0.90		27.00
	Ch:330.00m to 360.00m	1	30.00	0.90		27.00
	14th Main from Main road to GKVK Campus road					
	LHS					
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00
	Ch:60.00m to 86.00m	1	26.00	0.90		23.40
	Ch:90.00m to 116.00m	1	30.00	0.90		27.00
	Ch:116.00m to 144.00m	1	28.00	0.90		25.20
	Ch:144.00m to 174.00m	1	30.00	0.90		27.00
	Ch:174.00m to 204.00m	1	30.00	0.90		27.00
	Ch:204.00m to 234.00m	1	30.00	0.90		27.00

Remarks 28/09/2020.

28/09/2020

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	Ch:171.00m to 201.00m	1	30.00	0.90		27.00	
	Ch:201.00m to 231.00m	1	30.00	0.90		27.00	
	Ch:231.00m to 259.00m	1	28.00	0.90		25.20	
	Ch:259.00m to 289.00m	1	30.00	0.90		27.00	
	Ch:289.00m to 319.00m	1	30.00	0.90		27.00	
	Ch:319.00m to 345.00m	1	26.00	0.90		23.40	
	Ch:345.00m to 375.00m	1	30.00	0.90		27.00	
	Ch:375.00m to 405.00m	1	30.00	0.90		27.00	
	Ch:405.00m to 435.00m	1	30.00	0.90		27.00	
	Ch:435.00m to 464.00m	1	29.00	0.90		26.10	
	Ch:464.00m to 494.00m	1	30.00	0.90		27.00	
	Ch:494.00m to 524.00m	1	30.00	0.90		27.00	
	Ch:524.00m to 554.00m	1	30.00	0.90		27.00	
	Ch:554.00m to 582.00m	1	28.00	0.90		25.20	
	Ch:582.00m to 612.00m	1	30.00	0.90		27.00	
	Ch:612.00m to 642.00m	1	30.00	0.90		27.00	
	Ch:642.00m to 671.00m	1	29.00	0.90		26.10	
	Ch:671.00m to701.00m	1	30.00	0.90		27.00	
	Ch:701.00m to 731.00m	1	30.00	0.90		27.00	
	Ch:731.00m to 759.00m	1	28.00	0.90		25.20	
	Ch:759.00m to 789.00m	1	30.00	0.90		27.00	
	Ch:789.00m to 819.00m	1	30.00	0.90		27.00	
	Ch:819.00m to 849.00m	1	30.00	0.90		27.00	
	Ch:849.00m to 875.00m	1	26.00	0.90		23.40	
	Ch:875.00m to 905.00m	1	30.00	0.90		27.00	
	Ch:905.00m to 935.00m	1	30.00	0.90		27.00	
	Ch:935.00m to 965.00m	1	30.00	0.90		27.00	
					E	2447.10	
	Missing & Broken Slabs						
	14th Cross from 14th Cross to 8th Main Road						
	LHS	1	6.00	0.90		5.40	
		1	8.00	0.90		7.20	
		1	7.00	0.90		6.30	
		1	5.00	0.90		4.50	
		1	6.00	0.90		5.40	
		1	5.00	0.90		4.50	
		1	8.00	0.90		7.20	
		1	6.00	0.90		5.40	

Rameragowda.
28/09/2025.

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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28/09/2025

		1	8.00	0.90		7.20		
		1	6.00	0.90		5.40		
		1	2.00	0.90		1.80		
		1	3.00	0.90		2.70		
		1	8.00	0.90		7.20		
		1	4.00	0.90		3.60		
		1	3.00	0.90		2.70		
					F	450.00		
					(E-F)	1997.10		
				(A-B)+(C-D)+(E-F)		3353.55		
					Total	3353.55		
			Limited to Sanctioned Qty			3352.86	Sqm	

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

28/09/2020

Assistant Executive Engineer

28/09/2020

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout,Someshwaranagara,Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
2	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19						
	Desilting						
	Chikkabommasandra						
	Chikkabommasandra main road from 15th Cross (kanti Sweets) to 1st Cross						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00m to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 82.00m	1	22.00	0.60	0.60	7.92	
	Ch:82.00m to 106.00m	1	24.00	0.60	0.60	8.64	
	Ch:106.00m to 136.00m	1	30.00	0.60	0.60	10.80	
	Ch:136.00m to 162.00m	1	26.00	0.60	0.60	9.36	
	Ch:162.00m to 188.00m	1	26.00	0.60	0.60	9.36	
	Ch:188.00m to 216.00m	1	28.00	0.60	0.60	10.08	
	Ch:216.00m to 234.00m	1	18.00	0.60	0.60	6.48	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.60	0.60	10.80	
	Ch:30.00m to 60.00m	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 90.00m	1	30.00	0.60	0.60	10.80	
	Ch:90.00m to 108.00m	1	18.00	0.60	0.60	6.48	
	Ch:108.00m to 138.00m	1	30.00	0.60	0.60	10.80	
	Ch:138.00m to 158.00m	1	20.00	0.60	0.60	7.20	
	Ch:158.00m to 184.00m	1	26.00	0.60	0.60	9.36	
	Ch:184.00m to 208.00m	1	24.00	0.60	0.60	8.64	
	Ch:208.00m to 223.00m	1	15.00	0.60	0.60	5.40	

Rameegowda 4/10/2020

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Item No	Item	No	Length	Breadth	Depth	Qty	Unit
	18th [redacted] 22nd Cross to 14th Main Road						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch:30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	Ch:60.00m to90.00m	1	30.00	1.10	1.00	33.00	
	Ch:90.00m to 120.00m	1	30.00	1.10	1.00	33.00	
	Ch:120.00m to 150.00m	1	30.00	1.10	1.00	33.00	
	Ch:150.00m to 180.00m	1	30.00	1.10	1.00	33.00	
	Ch:180.00m to 210.00m	1	30.00	1.10	1.00	33.00	
	Ch:210.00m to 238.00m	1	28.00	1.10	1.00	30.80	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch:30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	Ch:60.00m to90.00m	1	30.00	1.10	1.00	33.00	
	Ch:90.00m to 120.00m	1	30.00	1.10	1.00	33.00	
	Ch:120.00m to 150.00m	1	30.00	1.10	1.00	33.00	
	Ch:150.00m to 180.00m	1	30.00	1.10	1.00	33.00	
	Ch:180.00m to 210.00m	1	30.00	1.10	1.00	33.00	
	Ch:210.00m to 230.00m	1	20.00	1.10	1.00	22.00	
						1493.64	
					(A+B+C+D)	2972.80	
					Total	2972.80	
			Limited to Sanctioned Qty			2970.85	Cum

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

7/10/2020

Assistant Engineer

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout,Someshwaranagara,Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. KBS 4.1,4.2 (Page No.13, I.No.4.2 of KPWD SR 2018-19)						
	Bed Concrete						
	Chikkabommasandra						
	New Drain						
	2nd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch:30.00m to 60.00m	1	20.00	0.90	0.15	2.70	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch:30.00m to 60.00m	1	20.00	0.90	0.15	2.70	
	3rd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch:30.00m to48.50m	1	18.50	0.90	0.15	2.50	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch:30.00m to48.50m	1	18.50	0.90	0.15	2.50	
	Culvert						
	Cross @ 1st B Cross Road	1	5.80	1.80	0.15	1.57	

Rameregowda 12/10/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

12/10/2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Cross @ 1st B Cross Road	1	6.00	1.80	0.15	1.62	
					A	29.78	
	Someshwaranagara						
	New Drain						
	1st Cross road from 3rd B Main Road to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch:30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch:60.00m to90.00m	1	30.00	1.10	0.15	4.95	
	Ch:90.00m to 110.00m	1	20.00	1.10	0.15	3.30	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch:30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch:60.00m to90.00m	1	30.00	1.10	0.15	4.95	
	Ch:90.00m to 110.00m	1	20.00	1.10	0.15	3.30	
	CC ROAD						
	5th Cross From 3rd Main to dead end						
	Ch:0.00m to 30.00m	1	30.00	5.00	0.15	22.50	
	Ch:30.00m to 60.00m	1	30.00	5.00	0.15	22.50	
	Ch:60.00m to90.00m	1	30.00	5.00	0.15	22.50	
	Ch:90.00m to 120.00m	1	30.00	5.00	0.15	22.50	
	Ch:120.00m to 150.00m	1	30.00	5.00	0.15	22.50	
	Cross road From 4th cross to 3rd Cross	1	25.00	5.00	0.15	18.75	
	Cross road From 4th cross to 3rd Cross	1	25.00	5.10	0.15	19.13	
	Cross road From 4th cross to 3rd Cross	1	25.00	5.10	0.15	19.13	
	Cross road From 4th cross to 3rd Cross	1	25.00	5.10	0.15	19.13	

Ramaiah.
12/10/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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12/10/2020

Item No	tion of Item	No	Length	Breadth	Depth	Qty	Unit
	o 150.00m	1	30.00	1.10	0.15	4.95	
	Ch:150.00m to 180.00m	1	30.00	1.10	0.15	4.95	
	Ch:180.00m to 210.00m	1	30.00	1.10	0.15	4.95	
	Ch:210.00m to 230.00m	1	20.00	1.10	0.15	3.30	
					C	77.22	
				(A+B+C)	Total	411.38	
			Limited to Sanctioned Qty			411.35	Cum

NEWZEN CONSULTANT ★ Bangalore ★

Contractor

Assistant Engineer
12/10/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Measurement Recorded on:							
6	KSRB 4.9.2 : Providing T.M.T Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured & paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3(P-18/4.46.2)						
		Nos	No of Bars	Length of Bar	Co-eff		
	For Drain						
	Chikkabommasandra						
	2nd B Cross						
	U-Shape Main Bars						
	10mm dia @100 C/C	2	495	1.8	0.61	1087.02	
	Distribution Bars						
	10mm dia @125 C/C	2	15	50	0.61	915	
	3rd B Cross						
	U-Shape Main Bars						
	10mm dia @100 C/C	2	485	1.8	0.61	1065.06	
	Distribution Bars						
	10mm dia @125 C/C	2	15	48.50	0.61	887.55	
						3954.63	
						3.95	
	For Culvert						
	Cross @ 1st B Cross						

Rameshgowda
15/10/2020

15/10/2020

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ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

Item No		of Item	No	Length	Breadth	Depth	Qty	Unit
	D							
	1	C	1	14	230	0.6	1964.2	
							8792.78	KG
						C	8.79	Tonne
					(A+B+C)	Total	20.14	
				Limited to Sanctioned Qty			20.13	Tonne

NEWZEN CONSULTANT Bangalore

Contractor

Rameshgeerth
Assistant Engineer
15/10/2020

15/10/2020

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Kilalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page 16/4.31) of KPWD S.R 2018-19						
	Chikkabommasandra						
	New Drain						
	2nd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	4	30.00		0.75	90.00	
	Ch:30.00m to 50.00m	4	20.00		0.75	60.00	
	RHS						
	Ch:0.00m to 30.00m	4	30.00		0.75	90.00	
	Ch:30.00m to 50.00m	4	20.00		0.75	60.00	
	3rd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	4	30.00		0.75	90.00	
	Ch:30.00m to 48.50m	4	18.50		0.75	55.50	
	RHS						
	Ch:0.00m to 30.00m	4	30.00		0.75	90.00	
	Ch:30.00m to 48.50m	4	18.50		0.75	55.50	
	Culvert						
	Cross @ 1st B Cross Road	4	5.80		0.90	20.88	
	Cross @ 1st B Cross Road	4	6.00		0.90	21.60	
					A	633.48	
	Someshwaranagara						
	New Drain						
	1st Cross road from 3rd B Main Road to Dead End						
	LHS						
	Ch:0.00m to 30.00m	4	30.00		0.90	108.00	
	Ch:30.00m to 60.00m	4	30.00		0.90	108.00	
	Ch:60.00m to90.00m	4	30.00		0.90	108.00	
	Ch:90.00m to 110.00m	4	20.00		0.90	72.00	
	RHS						
	Ch:0.00m to 30.00m	4	30.00		0.90	108.00	
	Ch:30.00m to 60.00m	4	30.00		0.90	108.00	
	Ch:60.00m to90.00m	4	30.00		0.90	108.00	
	Ch:90.00m to 110.00m	4	20.00		0.90	72.00	
	Culvert						
	Cross Road @ Someshwaranagara Main road	4	7.50		0.90	27.00	

Rameshjaresh 17/10/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ.ಜ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Cross Road @ Someshwaranagara Main road	2	7.50		0.15	2.25	
	Cross Road @ Someshwaranagara Main road	2	7.30		0.15	2.19	
	Cross Road @ Someshwaranagara Main road	2	7.40		0.15	2.22	
	Cross Road @ Someshwaranagara Main road	2	7.80		0.15	2.34	
	Cross Road @ Someshwaranagara Main road	2	7.60		0.15	2.28	
					D	280.32	
				(A+B+C+D)		3525.96	
			Limited to Sanctioned Qty			3506.40	Sqm

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

17/10/2020

17/10/2020

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, with superplasticiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness). including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cill, fillet etc. including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (Page 14/4.11) 2018-19						
	Raft						
	Chikkabommasandra						
	New Drain						
	2nd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	Ch:30.00m to 50.00m	1	20.00	0.75	0.15	2.25	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	Ch:30.00m to 50.00m	1	20.00	0.75	0.15	2.25	
	3rd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	Ch:30.00m to 48.50m	1	18.50	0.75	0.15	2.08	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	Ch:30.00m to 48.50m	1	18.50	0.75	0.15	2.08	
						22.16	
	Raft						
	Culvert						
	Cross @ 1st B Cross Road	1	5.80	1.80	0.20	2.09	
	Cross @ 1st B Cross Road	1	6.00	1.80	0.20	2.16	
						4.25	
	Wall						
	Chikkabommasandra						
	New Drain						
	2nd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	2	30.00	0.15	0.75	6.75	
	Ch:30.00m to 50.00m	2	20.00	0.15	0.75	4.50	
	RHS						
	Ch:0.00m to 30.00m	2	30.00	0.15	0.75	6.75	
	Ch:30.00m to 50.00m	2	20.00	0.15	0.75	4.50	
	3rd B Cross road from 1st B Cross to Dead End						

Rameshgeerl 22/10/2020

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ಮಲಪಂಪ ಉಪನಗರ(ಉಪವಿಭಾಗ),
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	LH						
	Ch:[illegible]m	2	30.00	0.15	0.90	8.10	
	Ch:[illegible]m	2	30.00	0.15	0.90	8.10	
	Ch:[illegible]m	2	30.00	0.15	0.90	8.10	
	Ch:90.00m to 120.00m	2	30.00	0.15	0.90	8.10	
	Ch:120.00m to 150.00m	2	30.00	0.15	0.90	8.10	
	Ch:150.00m to 180.00m	2	30.00	0.15	0.90	8.10	
	Ch:180.00m to 210.00m	2	30.00	0.15	0.90	8.10	
	Ch:210.00m to 238.00m	2	28.00	0.15	0.90	7.56	
	RHS						
	Ch:0.00m to 30.00m	2	30.00	0.15	0.90	8.10	
	Ch:30.00m to 60.00m	2	30.00	0.15	0.90	8.10	
	Ch:60.00m to90.00m	2	30.00	0.15	0.90	8.10	
	Ch:90.00m to 120.00m	2	30.00	0.15	0.90	8.10	
	Ch:120.00m to 150.00m	2	30.00	0.15	0.90	8.10	
	Ch:150.00m to 180.00m	2	30.00	0.15	0.90	8.10	
	Ch:180.00m to 210.00m	2	30.00	0.15	0.90	8.10	
	Ch:210.00m to 230.00m	2	20.00	0.15	0.90	5.40	
						126.36	
					E	189.54	
	road						
	Ch:0.00m to 12.00m	1	12.00	(3.0+3.8)/2	0.15	16.55	
					F	16.55	
				(A+B+C+D+E+F)		399.91	
					Total	399.91	
			Limited to Sanctioned Qty			396.50	Cum

NEWZEN CONSULTANT
Bangalore

Contractor

Ramchandra Gouda.
Assistant Engineer
22/10/2020

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಮ.ಪ.ಸಂ.ನಿ. ಬೆಂಗಳೂರು-106
Assistant Executive Engineer
22/10/2020

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
7	**Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.20 x 0.60 x 0.10)Data rate**						
	Chikkabommasandra						
			Qty item no : 01			**489.60**	
	2nd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50	
	Ch:30.00m to 50.00m	1	20.00	0.75		15.00	
	RHS						
	Ch:0.00m to 30.00m		30.00	0.75		22.50	
	Ch:30.00m to 50.00m		20.00	0.75		15.00	
	3rd B Cross road from 1st B Cross to Dead End						
	LHS						
	Ch:0.00m to 30.00m		30.00	0.75		22.50	
	Ch:30.00m to 48.50m	1	18.50	0.75		13.88	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50	
	Ch:30.00m to 48.50m	1	18.50	0.75		13.88	
					A	637.35	
	Someshwaranagara						
			Qty item no : 01			**102.15**	
	1st Cross road from 3rd B Main Road to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 110.00m	1	20.00	0.90		18.00	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 110.00m	1	20.00	0.90		18.00	
	3rd B Main Road from main road to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00	
	Ch:120.00m to 150.00m	1	30.00	0.90		27.00	

Rameshgowda 28/10/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:[illegible]0m	1	30.00	0.90		27.00	
	Ch:[illegible]0m	1	30.00	0.90		27.00	
	Ch:210.00m to 240.00m	1	30.00	0.90		27.00	
	Ch:240.00m to 270.00m	1	30.00	0.90		27.00	
	Ch:270.00m to 300.00m	1	30.00	0.90		27.00	
	Ch:300.00m to 330.00m	1	30.00	0.90		27.00	
	Ch:330.00m to 360.00m	1	30.00	0.90		27.00	
	Ch:360.00m to 380.00m	1	20.00	0.90		18.00	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00	
	Ch:120.00m to 150.00m	1	30.00	0.90		27.00	
	Ch:150.00m to 180.00m	1	30.00	0.90		27.00	
	Ch:180.00m to 210.00m	1	30.00	0.90		27.00	
	Ch:210.00m to 240.00m	1	30.00	0.90		27.00	
	Ch:240.00m to 270.00m	1	30.00	0.90		27.00	
	Ch:270.00m to 300.00m	1	30.00	0.90		27.00	
	Ch:300.00m to 330.00m	1	30.00	0.90		27.00	
	Ch:330.00m to 360.00m	1	30.00	0.90		27.00	
					B	966.15	
	Judicial Layout						
			Qty item no : 01			**450.00**	
	18th Main Road From 22nd Cross to 14th Main Road						
	LHS						
	Ch.0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch:60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00	
	Ch:120.00m to 150.00m	1	30.00	0.90		27.00	
	Ch:150.00m to 180.00m	1	30.00	0.90		27.00	
	Ch:180.00m to 210.00m	1	30.00	0.90		27.00	
	Ch:210.00m to 238.00m	1	28.00	0.90		25.20	
	RHS						
	Ch.0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch.60.00m to90.00m	1	30.00	0.90		27.00	
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00	
	Ch:120.00m to 150.00m	1	30.00	0.90		27.00	
	Ch:150.00m to 180.00m	1	30.00	0.90		27.00	
	Ch:180.00m to 210.00m	1	30.00	0.90		27.00	
	Ch:210.00m to 230.00m	1	20.00	0.90		18.00	
	Cross to Road						
	LHS						
	Ch:0.00m to 25.00m	1	25.00	0.75		18.75	
					C	889.95	
				(A+B+C)	Total	2493.45	
			Limited to Sanctioned Qty			**2490.02**	Sqm

NEWVEN CONSULTANTS Bangalore

Contractor

Ramanjeevaiah
Assistant Engineer
28/10/2020

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ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು
Assistant Executive Engineer

Detailed Measurement Sheet

Name of [redacted]ments to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and [redacted]llalasan[redacted]ding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
24	**Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.10)Data rate**						
	Covering Slab						
	Chikkabommasandra						
	Culvert						
	Cross @ 1st B Cross Road	1	5.80	1.80		10.44	
	Cross @ 1st B Cross Road	1	6.00	1.80		10.80	
	Cross @ 1st B Cross Road	1	6.00	1.80		10.80	
					A	32.04	
	Someshwaranagara						
	Culvert						
	Cross Road @ Someshwaranagara Main road	1	7.50	1.80		13.50	
	Cross Road @ Someshwaranagara Main road	1	7.30	1.80		13.14	
	Cross Road @ Someshwaranagara Main road	1	7.40	1.80		13.32	
	Cross Road @ Someshwaranagara Main road	1	7.80	1.80		14.04	
	Cross Road @ Someshwaranagara Main road	1	7.60	1.80		13.68	
					B	67.68	
				Total (A+B)		99.72	
			Limited to Sanctioned Qty			95.62	M

NEWZEN CONSULTANTS Bangalore

Contractor

Ramaraganesh.
Assistant Engineer
7/11/2020

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ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ.
Assistant Executive Engineer

07/11/2020

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
8	Removing and resetting of kerb stones. Page No. 270/ Item No.37.57/ PWD SR 2018-19						
	Someshwaranagara						
	1st Cross road from 3rd B Main Road to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00			30.00	
	Ch:30.00m to 60.00m	1	30.00			30.00	
	Ch:60.00m to90.00m	1	30.00			30.00	
	Ch:90.00m to 110.00m	1	20.00			20.00	
	RHS						
	Ch:0.00m to 30.00m	1	30.00			30.00	
	Ch:30.00m to 60.00m	1	30.00			30.00	
	Ch:60.00m to90.00m	1	30.00			30.00	
	Ch:90.00m to 110.00m	1	20.00			20.00	
	3rd B Main Road From Main to Dead End						
	Ch:0.00m to 30.00m	1	30.00			30.00	
	Ch:30.00m to 55.00m	1	25.00			25.00	
					A	275.00	
	Missing & Broken Kerb						
	1st Cross road from 3rd B Main Road to Dead End						
	LHS	1	11.00			11.00	
		1	6.00			6.00	
		1	8.00			8.00	
		1	10.00			10.00	
	RHS	1	6.00			6.00	
		1	8.00			8.00	
		1	6.00			6.00	
		1	8.00			8.00	
	3rd B Main Road From Main to Dead End						
		1	10.00			10.00	
		1	9.00			9.00	
					B	82.00	
					(A-B)	193.00	
	Judicial Layout						
	14th Cross from 14th Cross to 8th Main Road						
	LHS						
	Ch:0.00m to 30.00m	1	30.00			30.00	
	Ch:30.00m to 60.00m	1	30.00			30.00	
	Ch:60.00m to90.00m	1	30.00			30.00	
	Ch:90.00m to 120.00m	1	30.00			30.00	
	Ch:120.00m to 150.00m	1	30.00			30.00	
	Ch:150.00m to 180.00m	1	30.00			30.00	

Remeasured 10/11/2020

10/11/2020

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Item No	Description	No	Length	Breadth	Depth	Qty	Unit
		1	5.00			5.00	
		1	9.00			9.00	
		1	6.00			6.00	
		1	10.00			10.00	
		1	9.00			9.00	
		1	5.00			5.00	
		1	10.00			10.00	
		1	6.00			6.00	
		1	8.00			8.00	
		1	8.00			8.00	
		1	9.00			9.00	
		1	4.00			4.00	
		1	7.00			7.00	
		1	9.00			9.00	
		1	5.00			5.00	
		1	8.00			8.00	
		1	6.00			6.00	
		1	10.00			10.00	
		1	8.00			8.00	
		1	7.00			7.00	
		1	3.00			3.00	
		1	9.00			9.00	
		1	5.00			5.00	
		1	4.00			4.00	
		1	9.00			9.00	
		1	8.00			8.00	
	Cross road from 1st B Cross to Dead End(Chikkammasanra)						
	LHS	1	9.00			9.00	
		1	15.00			15.00	
					D	676.00	
					(C-D)	2089.00	
				(A-B)+(C-D)		2282.00	
			Total			2282.00	
			Limited to Sanctioned Qty			2262.75	M

NEWZEN CONSULTANT * Bangalore *

Contractor

Assistant Engineer

10/A/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of W... ...nts to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandr... ...ng areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Ag... ...nstructions Company

Est Cost : Rs. 300.00 Lakhs

Sob Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
9	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.Page No. 27/ Item No. 5.29.2/ PWD SR 2018-19						
	Someshwaranagara						
			Qty Item No : 8			82.00	
				A	82/0.45	182.22	
	Judicial Layout						
			Qty Item No : 8			676.00	
	Cross road	1.00	16.00			16.00	
						692.00	
				B	692/0.45	1537.78	
				(A+B)	Total	1720.00	
			Limited to Sanctioned Qty			1716.11	Nos

NEWZEN CONSULTANT Bangalore

Contractor

Ramanagaresh.
Assistant Engineer
13/11/2020

Executive Engineer

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
10	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page No. 180/ Item No. 24.1/ PWD SR 2018-19						
	Someshwaranagara						
	1st Cross road from 3rd B Main Road to Dead End						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.40		12.00	
	Ch:30.00m to 60.00m	1	30.00	0.40		12.00	
	Ch:60.00m to90.00m	1	30.00	0.40		12.00	
	Ch:90.00m to 110.00m	1	20.00	0.40		8.00	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.40		12.00	
	Ch:30.00m to 60.00m	1	30.00	0.40		12.00	
	Ch:60.00m to90.00m	1	30.00	0.40		12.00	
	Ch:90.00m to 110.00m	1	20.00	0.40		8.00	
	3rd B Main Road From Main to Dead End						
	Ch:0.00m to 30.00m	1	30.00	0.40		12.00	
	Ch:30.00m to 55.00m	1	25.00	0.40		10.00	
					A	110.00	
	Judicial Layout						
	14th Cross from 14th Cross to 8th Main Road						
	LHS	1	9.00	0.40		3.60	
		1	8.00	0.40		3.20	
		1	7.00	0.40		2.80	
		1	6.00	0.40		2.40	
		1	5.00	0.40		2.00	
		1	8.00	0.40		3.20	
		1	4.00	0.40		1.60	
		1	8.00	0.40		3.20	
		1	7.00	0.40		2.80	
		1	9.00	0.40		3.60	
		1	6.00	0.40		2.40	
		1	9.00	0.40		3.60	
		1	7.00	0.40		2.80	
	RHS	1	8.00	0.40		3.20	
		1	9.00	0.40		3.60	
		1	6.00	0.40		2.40	
		1	6.00	0.40		2.40	
		1	5.00	0.40		2.00	
		1	8.00	0.40		3.20	

Rameshayacharl

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Item No	Item	No	Length	Breadth	Depth	Qty	Unit
		1	6.00	0.40		2.40	
		1	8.00	0.40		3.20	
		1	8.00	0.40		3.20	
		1	9.00	0.40		3.60	
		1	4.00	0.40		1.60	
		1	7.00	0.40		2.80	
		1	9.00	0.40		3.60	
		1	5.00	0.40		2.00	
		1	8.00	0.40		3.20	
		1	6.00	0.40		2.40	
		1	10.00	0.40		4.00	
		1	8.00	0.40		3.20	
		1	7.00	0.40		2.80	
		1	3.00	0.40		1.20	
		1	9.00	0.40		3.60	
		1	5.00	0.40		2.00	
		1	4.00	0.40		1.60	
		1	9.00	0.40		3.60	
		1	8.00	0.40		3.20	
	Cross road from 1st B Cross to Dead End(Chikkammasanra)						
	LHS	1	9.50	0.40		3.80	
		1	15.00	0.40		6.00	
		1	11.00	0.40		4.40	
					B	275.00	
				(A+B)	Total	385.00	
			Limited to Sanctioned Qty			384.50	Sqm

NEWZEN CONSULTANTS Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
11	Removing and resetting of footpath slab Page No. 270/ Item No.37.56/ PWD SR 2018-19						
	Judicial Layout						
	14th Main from Main road to GKVK Campus road						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00	
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00	
	Ch:60.00m to 86.00m	1	26.00	1.20		31.20	
	Ch:90.00m to 116.00m	1	30.00	1.20		36.00	
	Ch:116.00m to 144.00m	1	28.00	1.20		33.60	
	Ch:144.00m to 174.00m	1	30.00	1.20		36.00	
	Ch:174.00m to 204.00m	1	30.00	1.20		36.00	
	Ch:204.00m to 234.00m	1	30.00	1.20		36.00	
	Ch:234.00m to 264.00m	1	30.00	1.20		36.00	
	Ch:264.00m to 294.00m	1	30.00	1.20		36.00	
	Ch:294.00m to 324.00m	1	30.00	1.20		36.00	
	Ch:324.00m to 354.00m	1	30.00	1.20		36.00	
	Ch:354.00m to 384.00m	1	30.00	1.20		36.00	
	Ch:384.00m to 414.00m	1	30.00	1.20		36.00	
	Ch:414.00m to 444.00m	1	30.00	1.20		36.00	
	Ch:444.00m to 473.00m	1	29.00	1.20		34.80	
	Ch:473.00m to 500.00m	1	27.00	1.20		32.40	
	Ch:500.00m to 530.00m	1	30.00	1.20		36.00	
	Ch:530.00m to 560.00m	1	30.00	1.20		36.00	
	Ch:560.00m to 590.00m	1	30.00	1.20		36.00	
	Ch:590.00m to 620.00m	1	30.00	1.50		45.00	
	Ch:620.00m to 648.00m	1	28.00	1.50		42.00	
	Ch:648.00m to 678.00m	1	30.00	1.50		45.00	
	Ch:678.00m to 708.00m	1	30.00	1.50		45.00	
	Ch:708.00m to 738.00m	1	30.00	1.50		45.00	
	Ch738.00m to 768.00m	1	30.00	1.50		45.00	
	Ch:768.00m to 798.00m	1	30.00	1.20		36.00	
	Ch:798.00m to 828.00m	1	30.00	1.20		36.00	
	Ch828.00m to 858.00m	1	30.00	1.20		36.00	
	Ch:858.00m to 888.00m	1	30.00	1.20		36.00	
	Ch:888.00m to 928.00m	1	30.00	1.20		36.00	
	Ch:928.00m to 958.00m	1	30.00	1.20		36.00	
	Ch:958.00m to 988.00m	1	30.00	1.20		36.00	
	Ch:988.00m to 1006.00m	1	29.00	1.20		34.80	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00	
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00	
	Ch:60.00m to 86.00m	1	26.00	1.20			

Remeasured 19/11/2020

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Item No	f Item	No	Length	Breadth	Depth	Qty	Unit
		1	8.00	1.50		12.00	
		1	9.00	1.50		13.50	
		1	8.50	1.50		12.75	
		1	9.00	1.50		13.50	
		1	9.80	1.20		11.76	
		1	8.00	1.20		9.60	
		1	11.00	1.20		13.20	
		1	8.00	1.20		9.60	
		1	9.00	1.20		10.80	
		1	8.00	1.20		9.60	
		1	9.00	1.20		10.80	
		1	9.00	1.20		10.80	
	RHS	1	8.00	1.20		9.60	
		1	8.00	1.20		9.60	
		1	9.00	1.20		10.80	
		1	10.50	1.20		12.60	
		1	8.00	1.20		9.60	
		1	10.00	1.20		12.00	
		1	9.00	1.20		10.80	
		1	8.00	1.20		9.60	
		1	8.00	1.20		9.60	
		1	9.00	1.20		10.80	
		1	8.00	1.20		9.60	
		1	8.50	1.20		10.20	
		1	8.50	1.20		10.20	
		1	8.00	1.20		9.60	
		1	7.50	1.20		9.00	
		1	8.00	1.20		9.60	
		1	9.00	1.20		10.80	
		1	10.00	1.20		12.00	
		1	9.50	1.20		11.40	
		1	8.00	1.20		9.60	
		1	7.00	1.20		8.40	
		1	8.50	1.20		10.20	
		1	9.00	1.20		10.80	
		1	10.50	1.20		12.60	
		1	9.50	1.50		14.25	
		1	9.00	1.50		13.50	
		1	9.50	1.20		11.40	
		1	9.00	1.20		10.80	
		1	10.50	1.20		12.60	
		1	8.50	1.20		10.20	
		1	9.00	1.20		10.80	
		1	10.00	1.20		12.00	
		1	9.50	1.20		11.40	
					B	729.06	
				(A-B)	Total	1708.14	Cyle
			Limited to Sanctioned Qty			1701.00	Sqm

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

19/11/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit

Measurement Recorded on:

12 KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 103, I.No. 14.6 of CSR 2018-19)

Judicial Layout

		Qty Item No 11		A	729.06	
Cross Road -	1	15.00	1.20		18.00	
	1	18.00	1.80		32.40	
	1	2.50	1.20		3.00	
	1	2.80	1.20		3.36	
	1	1.80	1.20		2.16	
	1	1.90	2.50		4.75	
	1	3.00	1.50		4.50	
	1	2.90	1.80		5.22	
	1	3.00	1.90		5.70	
	1	1.20	0.80		0.96	
	1	2.50	1.90		4.75	
	1	3.00	1.20		3.60	
	1	2.50	1.00		2.50	
	1	2.00	1.00		2.00	
	1	2.50	1.20		3.00	
	1	2.60	1.10		2.86	
	1	2.80	0.90		2.52	
	1	3.10	1.60		4.96	
	1	2.80	2.00		5.60	
	1	1.90	1.20		2.28	
	1	15.00	1.20		18.00	
	1	18.00	1.80		32.40	
	1	2.50	1.20		3.00	
	1	2.80	1.20		3.36	
	1	1.80	1.20		2.16	
	1	1.90	2.50		4.75	
	1	3.00	1.50		4.50	
	1	2.90	1.80		5.22	
	1	3.00	1.90		5.70	
	1	1.20	0.80		0.96	
	2	2.50	1.90		9.50	
	1	3.00	1.20		3.60	

Rameshgeerwith 23/11/2020

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Item No	f Item	No	Length	Breadth	Depth	Qty	Unit
		1	2.50	1.00		2.50	
		1	2.00	1.00		2.00	
		1	2.50	1.20		3.00	
		1	2.60	1.10		2.86	
		1	2.80	0.90		2.52	
		1	3.10	1.60		4.96	
		1	2.80	2.00		5.60	
		1	1.90	1.20		2.28	
		1	2.00	1.00		2.00	
		1	2.50	1.20		3.00	
		1	2.60	1.10		2.86	
		1	2.80	0.90		2.52	
		1	3.10	1.60		4.96	
		1	2.80	2.00		5.60	
		1	3.00	1.20		3.60	
		1	2.50	1.00		2.50	
		1	2.00	1.00		2.00	
		1	2.50	1.20		3.00	
		1	2.60	1.10		2.86	
		1	2.80	0.90		2.52	
		1	3.10	1.60		4.96	
		1	2.80	2.00		5.60	
		1	1.90	1.20		2.28	
		1	15.00	1.20		18.00	
		1	14.00	1.80		25.20	
					B	326.45	
				(A+B)	Total	1055.51	
			Limited to Sanctioned Qty			1053.00	Sqm

NEWZEN CONSULTANT * Bangalore *

Contractor

Ramalingaiah

Assistant Engineer

23/11/2020

Assistant Executive Engineer

23/11/2020

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
13	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301(pg no-143,S.Lno-19.14)KPWD S.R 2018-19						
	Chikkabommasandra						
	Chikkabommasanra Main Road From 15th A Cross to 1st B Cross						
	0.00 to 30.00	1	30.00	2.00	0.30	18.00	
	30.00 to 60.00	1	30.00	2.00	0.30	18.00	
	60.00 to 90.00	1	30.00	2.00	0.30	18.00	
	90.00 to 120.00	1	24.00	2.00	0.30	14.40	
	120.00 to 150.00	1	30.00	2.00	0.30	18.00	
	150.00 to 180.00	1	30.00	2.00	0.30	18.00	
	180.00 to 210.00	1	30.00	2.00	0.30	18.00	
	210.00 to 240.00	1	30.00	2.00	0.30	18.00	
	240.00 to 270.00	1	30.00	2.00	0.30	18.00	
	270.00 to 300.00	1	30.00	2.00	0.30	18.00	
	300.00 to 330.00	1	30.00	2.00	0.30	18.00	
	Main Road From 1st Cross Road to Samuthayapavan						
	0.00 to 30.00	1	30.00	2.00	0.30	18.00	
	30.00 to 60.00	1	30.00	2.00	0.30	18.00	
	60.00 to 90.00	1	30.00	2.00	0.30	18.00	
	90.00 to 120.00	1	30.00	2.00	0.30	18.00	
	120.00 to 150.00	1	30.00	2.00	0.30	18.00	
	150.00 to 180.00	1	30.00	2.00	0.30	18.00	
	180.00 to 210.00	1	30.00	2.00	0.30	18.00	
	210.00 to 214.00	1	4.00	2.00	0.30	2.40	
	LJ Iyengars Bakery Road From Temple to Judicial Main road						
	0.00 to 30.00	1	30.00	2.00	0.30	18.00	
	30.00 to 60.00	1	30.00	2.00	0.30	18.00	
	60.00 to 90.00	1	30.00	2.00	0.30	18.00	
	90.00 to 120.00	1	30.00	2.00	0.30	18.00	
	120.00 to 150.00	1	30.00	2.00	0.30	18.00	
	150.00 to 180.00	1	30.00	2.00	0.30	18.00	
	180.00 to 210.00	1	30.00	2.00	0.30	18.00	
	210.00 to 240.00	1	30.00	2.00	0.30	18.00	
	240.00 to 270.00	1	30.00	2.00	0.30	18.00	
	270.00 to 276.00	1	6.00	2.00	0.30	3.60	
	3rd B Cross Road From 1st B Cross to Dead End						
	0.00 to 30.00	1	30.00	(7.0+7.7)/2	0.30	66.15	
	30.00 to 47.50	1	17.50	(7.7+5.7)/2	0.30	35.18	
	2nd B Cross Road From 1st B Cross to Dead End						

Ramaraja 27/11/2020

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Item No	f Item	No	Length	Breadth	Depth	Qty	Unit
0.0		1	30.00	(7.4+6.4)/2	0.30	62.10	
30		1	19.00	(6.4+6.6)/2	0.30	37.05	
4th	From 1st B Cross to Dead End						
0.00 to 30.00		1	30.00	2.00	0.30	18.00	
30.00 to 46.80		1	16.80	2.00	0.30	10.08	
					A	716.96	
Someshwaranagara							
3rd A Cross Road From 8th Main to 4th Main road							
0.00 to 30.00		1	30.00	2.00	0.30	18.00	
30.00 to 60.00		1	30.00	2.00	0.30	18.00	
60.00 to 90.00		1	30.00	2.00	0.30	18.00	
90.00 to 120.00		1	30.00	2.00	0.30	18.00	
120.00 to 146.00		1	26.00	2.00	0.30	15.60	
4th Main road From 3rd A Cross Road to GKVK Layout Main road							
0.00 to 30.00		1	30.00	2.00	0.30	18.00	
30.00 to 60.00		1	30.00	2.00	0.30	18.00	
60.00 to 90.00		1	30.00	2.00	0.30	18.00	
90.00 to 120.00		1	30.00	2.00	0.30	18.00	
120.00 to 150.00		1	30.00	2.00	0.30	18.00	
2nd B Main from 3rd Main to dead End							
0.00 to 30.00		1	30.00	2.00	0.30	18.00	
30.00 to 60.00		1	30.00	2.00	0.30	18.00	
60.00 to 90.00		1	30.00	2.00	0.30	18.00	
90.00 to 120.00		1	30.00	2.00	0.30	18.00	
					B	249.60	
Judicial Layout							
Raiway Parallal road From Cross Road to Fly overs							
0.00 to 30.00		1	30.00	1.20	0.30	10.80	
30.00 to 60.00		1	30.00	1.20	0.30	10.80	
60.00 to 90.00		1	30.00	1.20	0.30	10.80	
90.00 to 120.00		1	30.00	1.20	0.30	10.80	
120.00 to 150.00		1	30.00	1.20	0.30	10.80	
150.00 to 180.00		1	30.00	1.20	0.30	10.80	
180.00 to 210.00		1	30.00	1.20	0.30	10.80	
210.00 to 224.00		1	14.00	1.20	0.30	5.04	
					C	80.64	
					(A+B+C)	1047.20	
					Total	1047.20	
			Limited to Sanctioned Qty			1042.38	Cum

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

27/11/2020

Assistant Executive Engineer

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Sub Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
14	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.For Grading II Material (pg no- 153,S.Lno-20.5)KPWD S.R 2018-19						
	Chikkabommasandra						
	Chikkabommasanra Main Road From 15th A Cross to 1st B Cross						
	0.00 to 30.00	1	30.00	2.00	0.15	9.00	
	30.00 to 60.00	1	30.00	2.00	0.15	9.00	
	60.00 to 90.00	1	30.00	2.00	0.15	9.00	
	90.00 to 120.00	1	24.00	2.00	0.15	7.20	
	120.00 to 150.00	1	30.00	2.00	0.15	9.00	
	150.00 to 180.00	1	30.00	2.00	0.15	9.00	
	180.00 to 210.00	1	30.00	2.00	0.15	9.00	
	210.00 to 240.00	1	30.00	2.00	0.15	9.00	
	240.00 to 270.00	1	30.00	2.00	0.15	9.00	
	270.00 to 300.00	1	30.00	2.00	0.15	9.00	
	300.00 to 330.00	1	30.00	2.00	0.15	9.00	
	Main Road From 1st Cross Road to Samuthayapavan						
	0.00 to 30.00	1	30.00	2.00	0.15	9.00	
	30.00 to 60.00	1	30.00	2.00	0.15	9.00	
	60.00 to 90.00	1	30.00	2.00	0.15	9.00	
	90.00 to 120.00	1	30.00	2.00	0.15	9.00	
	120.00 to 150.00	1	30.00	2.00	0.15	9.00	
	150.00 to 180.00	1	30.00	2.00	0.15	9.00	
	180.00 to 210.00	1	30.00	2.00	0.15	9.00	
	210.00 to 214.00	1	4.00	2.00	0.15	1.20	
	LJ Iyengars Bakery Road From Temple to Judicial Main road						
	0.00 to 30.00	1	30.00	2.00	0.15	9.00	
	30.00 to 60.00	1	30.00	2.00	0.15	9.00	
	60.00 to 90.00	1	30.00	2.00	0.15	9.00	
	90.00 to 120.00	1	30.00	2.00	0.15	9.00	
	120.00 to 150.00	1	30.00	2.00	0.15	9.00	
	150.00 to 180.00	1	30.00	2.00	0.15	9.00	
	180.00 to 210.00	1	30.00	2.00	0.15	9.00	
	210.00 to 240.00	1	30.00	2.00	0.15	9.00	
	240.00 to 270.00	1	30.00	2.00	0.15	9.00	
	270.00 to 276.00	1	6.00	2.00	0.15	1.80	

Ramaraj 7/12/2020

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7/12/2020

Item No	Item	No	Length	Breadth	Depth	Qty	Unit
	3rd ... om 1st B Cross to Dead End						
	0.00	1	30.00	(7.0+7.7)/2	0.15	33.08	
	30.0...	1	17.50	(7.7+5.7)/2	0.15	17.59	
	2nd B Cross Road From 1st B Cross to Dead End						
	0.00 to 30.00	1	30.00	(7.4+6.4)/2	0.15	31.05	
	30.00 to 49.00	1	19.00	(6.4+6.6)/2	0.15	18.53	
	4th B Cross Road From 1st B Cross to Dead End						
	0.00 to 30.00	1	30.00	2.00	0.15	9.00	
	30.00 to 46.80	1	16.80	2.00	0.15	5.04	
					A	358.48	
	Judicial Layout						
	Raiway Parallal road From Cross Road to Fly overs						
	0.00 to 30.00	1	30.00	1.20	0.15	5.40	
	30.00 to 60.00	1	30.00	1.20	0.15	5.40	
	60.00 to 90.00	1	30.00	1.20	0.15	5.40	
	90.00 to 120.00	1	30.00	1.20	0.15	5.40	
	120.00 to 150.00	1	30.00	1.20	0.15	5.40	
	150.00 to 180.00	1	30.00	1.20	0.15	5.40	
	180.00 to 210.00	1	30.00	1.20	0.15	5.40	
	210.00 to 224.00	1	14.00	1.20	0.15	2.52	
					B	40.32	
					(A+B)	398.80	
					Total	398.80	
			Limited to Sanctioned Qty			399.69	Cum

NEWZEN CONSULTANT * Bangalore *

Contractor

Assistant Engineer

7/12/2020

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
Assistant Executive Engineer
ಯಲಹಂಕ ಉಪವಿಭಾಗ / Yelahanka Sub Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ. / BBMP

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
15	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19						
	Chikkabommasandra						
	Chikkabommasanra Main Road From 15th A Cross to 1st B Cross						
	0.00 to 30.00	1	30.00	2.00	0.20	12.00	
	30.00 to 60.00	1	30.00	2.00	0.20	12.00	
	60.00 to 90.00	1	30.00	2.00	0.20	12.00	
	90.00 to 120.00	1	24.00	2.00	0.20	9.60	
	120.00 to 150.00	1	30.00	2.00	0.20	12.00	
	150.00 to 180.00	1	30.00	2.00	0.20	12.00	
	180.00 to 210.00	1	30.00	2.00	0.20	12.00	
	210.00 to 240.00	1	30.00	2.00	0.20	12.00	
	240.00 to 270.00	1	30.00	2.00	0.20	12.00	
	270.00 to 300.00	1	30.00	2.00	0.20	12.00	
	300.00 to 330.00	1	30.00	2.00	0.20	12.00	
	Main Road From 1st Cross Road to Samuthayapavan						
	0.00 to 30.00	1	30.00	2.00	0.20	12.00	
	30.00 to 60.00	1	30.00	2.00	0.20	12.00	
	60.00 to 90.00	1	30.00	2.00	0.20	12.00	
	90.00 to 120.00	1	30.00	2.00	0.20	12.00	
	120.00 to 150.00	1	30.00	2.00	0.20	12.00	
	150.00 to 180.00	1	30.00	2.00	0.20	12.00	
	180.00 to 210.00	1	30.00	2.00	0.20	12.00	
	210.00 to 214.00	1	4.00	2.00	0.20	1.60	
	LJ Iyengars Bakery Road From Temple to Judicial Main road						
	0.00 to 30.00	1	30.00	2.00	0.20	12.00	
	30.00 to 60.00	1	30.00	2.00	0.20	12.00	
	60.00 to 90.00	1	30.00	2.00	0.20	12.00	
	90.00 to 120.00	1	30.00	2.00	0.20	12.00	
	120.00 to 150.00	1	30.00	2.00	0.20	12.00	
	150.00 to 180.00	1	30.00	2.00	0.20	12.00	
	180.00 to 210.00	1	30.00	2.00	0.20	12.00	
	210.00 to 240.00	1	30.00	2.00	0.20	12.00	

Rameshgeerit
11/12/2020

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Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge. Page No. 161/ Item No. 21.6/ PWD SR 2018-19						
	Chikkabommasandra						
	Chikkabommasanra Main Road From 15th A Cross to 1st B Cross						
	0.00 to 30.00	1	30.00	2.00		60.00	
	30.00 to 60.00	1	30.00	2.00		60.00	
	60.00 to 90.00	1	30.00	2.00		60.00	
	90.00 to 120.00	1	24.00	2.00		48.00	
	120.00 to 150.00	1	30.00	2.00		60.00	
	150.00 to 180.00	1	30.00	2.00		60.00	
	180.00 to 210.00	1	30.00	2.00		60.00	
	210.00 to 240.00	1	30.00	2.00		60.00	
	240.00 to 270.00	1	30.00	2.00		60.00	
	270.00 to 300.00	1	30.00	2.00		60.00	
	300.00 to 330.00	1	30.00	2.00		60.00	
	Main Road From 1st Cross Road to Samuthayapavan						
	0.00 to 30.00	1	30.00	2.00		60.00	
	30.00 to 60.00	1	30.00	2.00		60.00	
	60.00 to 90.00	1	30.00	2.00		60.00	
	90.00 to 120.00	1	30.00	2.00		60.00	
	120.00 to 150.00	1	30.00	2.00		60.00	
	150.00 to 180.00	1	30.00	2.00		60.00	
	180.00 to 210.00	1	30.00	2.00		60.00	
	210.00 to 214.00	1	4.00	2.00		8.00	
	LJ Iyengars Bakery Road From Temple to Judicial Main road						
	0.00 to 30.00	1	30.00	2.00		60.00	
	30.00 to 60.00	1	30.00	2.00		60.00	
	60.00 to 90.00	1	30.00	2.00		60.00	
	90.00 to 120.00	1	30.00	2.00		60.00	
	120.00 to 150.00	1	30.00	2.00		60.00	
	150.00 to 180.00	1	30.00	2.00		60.00	
	180.00 to 210.00	1	30.00	2.00		60.00	
	210.00 to 240.00	1	30.00	2.00		60.00	
	240.00 to 270.00	1	30.00	2.00		60.00	
	270.00 to 276.00	1	6.00	2.00		12.00	
	3rd B Cross Road From 1st B Cross to Dead End						
	0.00 to 30.00	1	30.00	(7.0+7.7)/2		220.50	
	30.00 to 47.50	1	17.50	(7.7+5.7)/2		117.25	
	2nd B Cross Road From 1st B Cross to Dead End						

Rameneejeevil 15/12/2020.

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ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-೫೬

Detailed Measurement Sheet

Name of Work :Improvements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasandra and surrounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency :- MSV Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
22	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, with superplasticiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness). including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cill, fillet etc. including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (Page 14/4.11) 2018-19						
	CROSS Road	1	15.00	1.20	0.15	2.70	
		1	18.00	1.80	0.15	4.86	
		1	2.50	1.20	0.15	0.45	
		1	2.80	1.20	0.15	0.50	
		1	1.80	1.20	0.15	0.32	
		1	1.90	2.50	0.15	0.71	
		1	3.00	1.50	0.15	0.68	
		1	2.90	1.80	0.15	0.78	
		1	3.00	1.90	0.15	0.86	
		1	1.20	0.80	0.15	0.14	
		1	2.50	1.90	0.15	0.71	
		1	3.00	1.20	0.15	0.54	
		1	2.50	1.00	0.15	0.38	
		1	2.00	1.00	0.15	0.30	
		1	2.50	1.20	0.15	0.45	
		1	2.60	1.10	0.15	0.43	
		1	2.80	0.90	0.15	0.38	
		1	3.10	1.60	0.15	0.74	
		1	2.80	2.00	0.15	0.84	
		1	1.90	1.20	0.15	0.34	
		1	15.00	1.20	0.15	2.70	
		1	18.00	1.80	0.15	4.86	
		1	2.50	1.20	0.15	0.45	
		1	2.80	1.20	0.15	0.50	
		1	1.80	1.20	0.15	0.32	
		1	1.90	2.50	0.15	0.71	
		1	3.00	1.50	0.15	0.68	
		1	2.90	1.80	0.15	0.78	
		1	3.00	1.90	0.15	0.86	
		1	1.20	0.80	0.15	0.14	
		2	2.50	1.90	0.15	1.43	
		1	3.00	1.20	0.15	0.54	

Ramaraja Gowda 1/1/2021

01/01/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಪಂ.ಎ.ಕ. ಬೆಂಗಳೂರು-106

Item	No	Length	Breadth	Depth	Qty	Unit
	1	2.50	1.00	0.15	0.38	
	1	2.00	1.00	0.15	0.30	
	1	2.50	1.20	0.15	0.45	
	1	2.60	1.10	0.15	0.43	
	1	2.80	0.90	0.15	0.38	
	1	3.10	1.60	0.15	0.74	
	1	2.80	2.00	0.15	0.84	
	1	1.90	1.20	0.15	0.34	
	1	2.00	1.00	0.15	0.30	
	1	2.50	1.20	0.15	0.45	
	1	2.60	1.10	0.15	0.43	
	1	2.80	0.90	0.15	0.38	
	1	3.10	1.60	0.15	0.74	
	1	2.80	2.00	0.15	0.84	
	1	3.00	1.20	0.15	0.54	
	1	2.50	1.00	0.15	0.38	
	1	2.00	1.00	0.15	0.30	
	1	2.50	1.20	0.15	0.45	
	1	2.60	1.10	0.15	0.43	
	1	2.80	0.90	0.15	0.38	
	1	3.10	1.60	0.15	0.74	
	1	2.80	2.00	0.15	0.84	
	1	1.90	1.20	0.15	0.34	
	1	15.00	1.20	0.15	2.70	
	1	14.00	1.80	0.15	3.78	
					48.97	
				Total	48.97	
		Limited to Sanctioned Qty			48.60	Cum

NEWZEN CONSULTANTS * Bang

Contractor

Assistant Engineer

1/1/2021

Assistant Executive Engineer,

Detailed Measurement Sheet

Name of Work: ...ovements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allala... ...ounding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Agency: ...SV Constructions Company

Estimated Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
25	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301(pg no-143,S.Lno-19.14)KPWD S.R 2018-19						
	Chikkabommasandra						
	CC Road						
	Cross road from 1st B Cross road to Dead End						
	0.00 to 30.00	1	30.00	(3.0+3.2)/2	0.30	27.90	
	30.00 to 40.00	1	10.00	(3.2+3.0)/2	0.30	9.30	
	Cross road from 1st B Cross road to Dead End						
	0.00 to 30.00	1	30.00	(3.0+3.2)/2	0.30	27.90	
	30.00 to 40.00	1	10.00	(3.2+3.0)/2	0.30	9.30	
	Cross road from 1st B Cross road to Dead End						
	0.00 to 30.00	1	30.00	(3.0+3.2)/2	0.30	27.90	
						102.30	
	Someshwaranagara						
	Cross road from Main road to Dead End						
	0.00 to 22.00	1	22.00	(5.3+5.5)/2	0.30	35.64	
						137.94	
					Total	137.94	
			Limited to Sanctioned Qty			135.00	Cum

NEWZEN CONSULTANTS * Bangalore *

Contractor

Ramarajeevak.
Assistant Engineer
2/01/2021

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-064
Assistant Executive Engineer
22/01/2021

Detailed Measurement Sheet

Name o ements to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalasa nding areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Constructions Company

Est Cost : Rs. 300.00 Lakhs

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
29	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3						
	Chikkabommasandra						
	3rd B Cross Road From 1st B Cross to Dead End						
	0.00 to 30.00	1	30.00	(7.0+7.7)/2	0.20	44.10	
	30.00 to 47.50	1	17.50	(7.7+5.7)/2	0.20	23.45	
	2nd B Cross Road From 1st B Cross to Dead End						
	0.00 to 30.00	1	30.00	(7.4+6.4)/2	0.20	41.40	
	30.00 to 49.00	1	19.00	(6.4+6.6)/2	0.20	24.70	
					Total	133.65	
			Limited to Sanctioned Qty			126.00	Sqm

NEWZEN CONSULTANT * Bangalore *

Contractor

Assistant Engineer

Assistant Executive Engineer

Detailed Measurement Sheet

Name of W[redacted]nts to roads & drains at Judicial Layout, Someshwaranagara, Chikkabommasandra and Halasandr[redacted]g areas in ward no.04.of Yelahanka New town sub Division(Package -05)

Name of Ag[redacted]nstructions Company

Est Cost : [redacted]

Job Code No: 004-19-000013

Work Order No: BBMP/EE/ YNK.D/EPMT-5/ WO/127/2020-21 Dated: 21-09-2020

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Measurement Recorded on:						
30	**KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat & including lead, lift and cost of all materials, labour, HOM complete as per specifications.** Clause 504 of MORTH V revision Item No. page no 159, 21.11/ PWD SR 2018-19						
	Someshwaranagara						
	3rd A Cross Road From 8th Main to 4th Main road						
	0.00 to 30.00	1	30.00	2.00	0.050	3.00	
	30.00 to 60.00	1	30.00	2.00	0.050	3.00	
	60.00 to 90.00	1	30.00	2.00	0.050	3.00	
	90.00 to 120.00	1	30.00	2.00	0.050	3.00	
	120.00 to 146.00	1	26.00	2.00	0.050	2.60	
	4th Main road From 3rd A Cross Road to GKVK Layout Main road						
	0.00 to 30.00	1	30.00	2.00	0.050	3.00	
	30.00 to 60.00	1	30.00	2.00	0.050	3.00	
	60.00 to 90.00	1	30.00	2.00	0.050	3.00	
	90.00 to 120.00	1	30.00	2.00	0.050	3.00	
	120.00 to 150.00	1	30.00	2.00	0.050	3.00	
	2nd B Main From 3rd B Main to Dead End						
	0.00 to 30.00	1	30.00	2.00	0.050	3.00	
	30.00 to 60.00	1	30.00	2.00	0.050	3.00	
	60.00 to 90.00	1	30.00	2.00	0.050	3.00	
	90.00 to 120.00	1	30.00	2.00	0.050	3.00	
	120.00 to 125.00	1	5.00	2.00	0.050	0.50	
					Total	42.10	
			Limited to Sanctioned Qty			**40.50**	**Cum**

NEWZEN CONSULTANT Bangalore

Contractor

Assistant Engineer

18/12/2020

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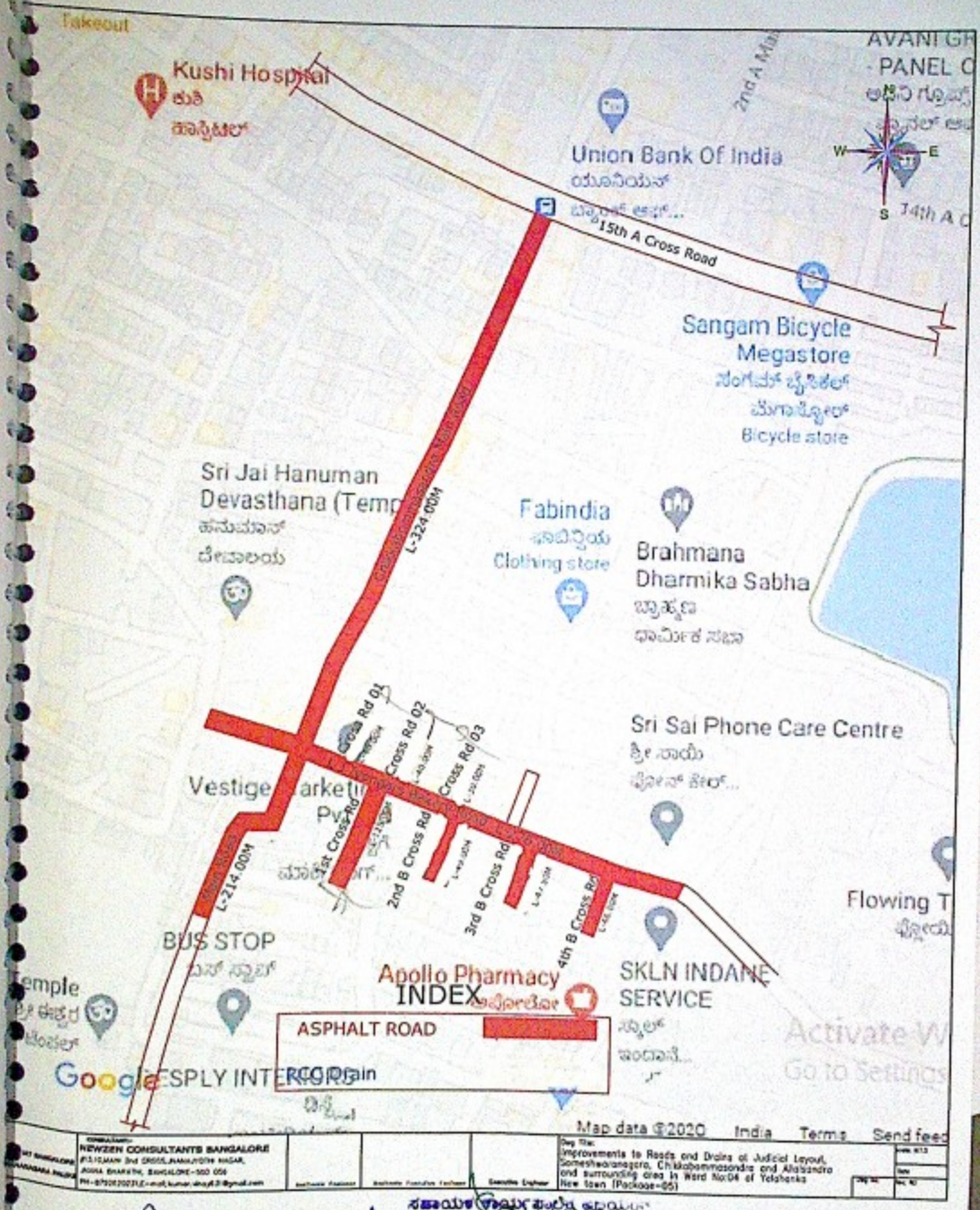
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Assistant Executive Engineer



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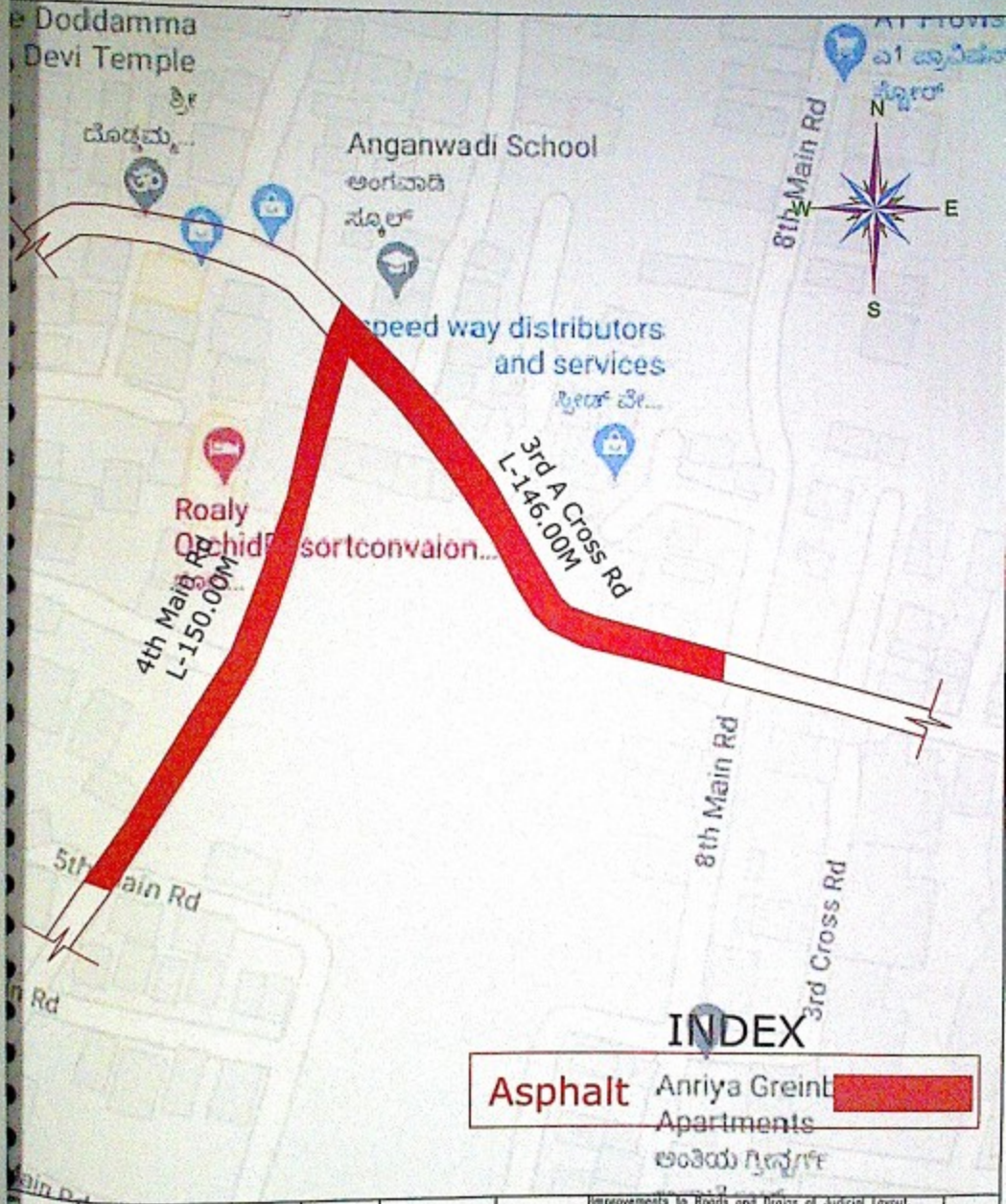

NEWZEN CONSULTANTS BANGALORE
#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,
JNANA BHARATHI, BANGALORE-560 056

Improvements to Roads and Drains of Judicial Layout, Someshwaranagara, Chikkabommasandra and Allalsandra and surrounding area in Ward No:04 of Yelahanka New town (Package-05)

Ramanjeark,

Royal Orchid Resort
& Convention Centre
Takeout
Council Of Scientific
And Industrial...
raksha enclave
Shivas Restaurant
Takeout
Railway Parallel Rd
L-224M
Jakkur Plantation Rd
Palm Court Apartme...
Lotus Labs
Ethos-India
SilverKey Executive
Stays 35627 Galexia...
Inchara Dhabha
Takeout
1 Karnataka Air
Squadron NCC
Duo Residency
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BRUHAT BANGALORE
MAHANAGARA PALIKE
NEWZEN CONSULTANTS BANGALORE
Improvement to roads and drains at Judicial Layout, Someshwaranagara,
Chikkabommasandra and Allalasandra and surrounding area in ward no:04 of
Yelahanka New town sub Division (Package-05)
Assistant Engineer
Assistant Executive Engineer
Executive Engineer